

Recombinant Rat Gp1bb protein(Met1-Cys147), hFc-tagged

Cat. No. Gp1bb-8805R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat GP1BB (Q9JJM7) (Met1-Cys147) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-147 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat GP1BB/Fc is a disulfide-linked homodimer. The reduced monomer comprises 359 amino acids and has a predicted molecular mass of 40.1 kDa. The apparent molecular mass of the protein is approximately 63 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Gp1bb glycoprotein Ib (platelet), beta polypeptide [*Rattus norvegicus*]

Official Symbol Gp1bb

Synonyms GP1BB; glycoprotein Ib (platelet), beta polypeptide; platelet glycoprotein Ib beta chain; GPIbB; GPIb-beta; GP-Ib beta; glycoprotein Ib, beta polypeptide;

Gene ID 116727

mRNA Refseq NM_053930

Protein Refseq NP_446382

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